

Badger Swimpools, Inc.

Written Silica Exposure Control Plan

Program Administration

This program was developed to help minimize, if not eliminate employee exposure to respirable silica. Our competent person for this program is the Director of Field Operations. This program will be reviewed and evaluated annually by the Director of Field Operations, to determine its effectiveness. This review will determine if there are any additional silica producing tasks we perform that were not previously identified. This review will also determine if existing controls and equipment use are being followed per this program and manufacture specifications. This annual review and evaluation will be documented to include the date it was conducted, and if any changes are being made to the program. This will be documented on the Annual Program Review and Evaluation Form.

Tasks/Controls for Potential Silica Exposure

Our evaluation of potential exposures has identified that we will be able to adhere to the Specified Exposure Control Methods listed in Table 1 of OSHA 1926.1153 Respirable Crystalline Silica. The list of tasks our annual review and evaluation identified along with the controls are listed in the table below;

Tasks with Potential Silica Exposure	Implemented Controls/Work Practices per Table 1 of 1926.1153
Overhead drilling into cast-in-place or precast concrete	<ol style="list-style-type: none">1) Use of drill equipped with commercially available shroud/cowling with dust collection system.2) Operate tool in accordance with manufacturer's instructions to minimize dust3) Dust collection must meet flow rate recommended by manufacture with a filter with 99% or greater efficiency.4) Cleaning of filter/shroud/catch basin must be done within sealed bag to eliminate exposure of residual dust.
Core drilling in cast-in-place or precast concrete	<ol style="list-style-type: none">1) Use drill with integral water system.2) Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions.

Description of Housekeeping Measures to Reduce Silica Exposure

Housekeeping to remove silica containing dust must be done using wet sweeping or HEPA filtered vacuuming.

Dry sweeping/dry brushing or use of compressed air to clean-up silica containing dust will not be allowed.

Vacuums used for Housekeeping and Tools with Dust Collection Systems

Only vacuums with HEPA filters and filter cleaning mechanisms can be used for vacuuming as part of housekeeping requirements and for tools listed in Table 1 that require dust collection systems.

All emptying of vacuum canisters must be done in a manner that does not produce any airborne dust. Our procedure for emptying vacuum canisters will be.....

Protection of others

When we are drilling, cutting, grinding, or performing other dust producing activities on silica containing material, no other workers should be in the area. Work generating suspected silica dust by other trades working near us that is not properly controlled will result in our employees evacuating the work area until such time the exposure no longer exists and any residual silica dust is properly cleaned-up.

Job Site Inspections

The Director of Field Operations will conduct regular job site inspections to evaluate work practices, changes in materials in use, and equipment to make sure the controls in this program are being met. These job site inspections will be documented on the Job Site Inspection Form.

Training

All employees with potential silica exposure will be required to review this program. Training will be provided to cover the following topics;

- 1) The hazards of silica exposure.
- 2) How to properly use, maintain, and safely clean the equipment we have chosen to protect our workers.
- 3) Control measures to help avoid silica exposure generated by others, proper personal hygiene, and housekeeping practices to avoid silica exposures.

This training will be documented on the Employee Training Log.

Program Availability

This program and a copy of it will be made available to all employees and designated representatives upon request.